

10/5/11, 640 East search 8/15/16 AMMB

BRs	N/A	symbol near3 timing near3 (recovery or lock\$)	US-PGPUB; USPAT; EPO; DERWENT	8/15/06 15:05
BRs	449658	testing	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:33
BRs	N/A	offset near3 frequenc\$	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:33
BRs	8987	central near3 offset\$ 1	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:34
BRs	242	testing near3 offset\$ 1	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:36
BRs	0	(symbol near3 timing near3 (recovery or lock\$)) same (testing near3 offset\$ 1)	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:34
BRs	0	(symbol near3 timing near3 (recovery or lock\$)) and (testing near3 offset\$ 1)	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:34
BRs	197	(symbol near3 timing near3 (recovery or lock\$)) and (central near3 offset\$ 1)	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:34
BRs	185	(symbol near3 timing near3 (recovery or lock\$)) and (offset near3 frequenc\$)	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:34
BRs	29	((symbol near3 timing near3 (recovery or lock\$)) and (offset near3 frequenc\$)) and @ad<"20020419"	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:46
BRs	26	((symbol near3 timing near3 (recovery or lock\$)) and (offset near3 frequenc\$)) and hdtv	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:35
BRs	3	((symbol near3 timing near3 (recovery or lock\$)) and (offset near3 frequenc\$)) and @ad<"20020419"	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:36
BRs	1139	(testing near3 offset\$ 1) same symbol\$	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:36
BRs	279	symbol\$ 1 near3 offset\$ 1	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:37
BRs	2	(offset near3 frequenc\$) same (symbol\$ 1 near3 offset\$ 1)	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:37
BRs	66	((offset near3 frequenc\$) same (symbol\$ 1 near3 offset\$ 1)) same testing	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:37
BRs	34744	mueller near3 muller	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:38
BRs	16	gardner	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:38
BRs	34949	(mueller near3 muller) and gardner	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:45
BRs	5844	thomson.as.	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:39
BRs	2449	licensing.as.	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:40
BRs	30444	thomson.as. and licensing.as.	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:40
BRs	5	liu.in.	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:41
BRs	5	(thomson.as. and licensing.as.) and liu.in.	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:41
BRs	89278	(thomson.as. and licensing.as.) and liu.in.	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:42
BRs	264457	acquisition	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:45
BRs	5576	synchroniz\$	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:45
BRs	N/A	(acquisition same synchroniz\$)	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:46
BRs	64	((acquisition same synchroniz\$) same start\$)	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:46
BRs	644	((acquisition same synchroniz\$) same start\$) and @ad<"20020419"	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:49
BRs	57	((acquisition same synchroniz\$) same start\$) same symbol\$	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:49
BRs	155640	hz	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:49
BRs	1310405	200	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:49
BRs	698747	400	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:49
BRs	592372	600	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:49
BRs	308209	800	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:50
BRs	55	hz with "200" with "400" with "600"	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 18:50
BRs	11	(hz with "200" with "400" with "600") with "800"	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 19:00
BRs	47	34867	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 19:00
BRs	2	20010034867	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 19:01
BRs	N/A	20010034867 and start\$	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 19:03
BRs	834	select\$ 3 near4 start\$ 3 with frequenc\$ 3	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 19:03
BRs	16	(select\$ 3 near4 start\$ 3 with frequenc\$ 3) same symbol\$	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 19:03
BRs	N/A	synchroniz\$ with transmit\$ near5 clock\$ 1	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 15:50
BRs	N/A	receiv\$ near5 clock\$ 1	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 15:49
BRs	1388	(synchroniz\$ with transmit\$ near5 clock\$ 1) with (receiv\$ near5 clock\$ 1)	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 15:49
BRs	21	((synchroniz\$ with transmit\$ near5 clock\$ 1) with (receiv\$ near5 clock\$ 1)) same search	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 15:52
BRs	N/A	synchroniz\$ near4 transmit\$ near5 receiv\$	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 15:52
BRs	80	(synchroniz\$ near4 transmit\$ near5 receiv\$) same search	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 15:52
BRs	N/A	(synchroniz\$ near4 transmit\$ near5 receiv\$) and start\$ near6 frequenc\$	US-PGPUB; USPAT; EPO; DERWENT	7/10/03 15:52
BRs	N/A		US-PGPUB; USPAT; EPO; DERWENT	7/10/03 16:07

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BRS	6	((synchroni\$ near4 transmit\$ near5 receiv\$) and start\$ near6 frequency\$) and hdtv	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 16:09	S44
BRS	0	carrier near3 recovery	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 15:58	S45
BRS	3011	carrier near3 recovery	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 15:58	S46
BRS	N/A	lock\$3 with frequency\$ same (carrier near3 recovery)	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 16:00	
BRS	267	(lock\$3 with frequency\$ same (carrier near3 recovery)) and @pd<"20020419"	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 16:07	S47
BRS	51090	look-up or (look adj up)	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 16:04	S48
BRS	7	(carrier near3 recovery) with (look-up or (look adj up))	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 16:04	S49
BRS	N/A	(lock\$3 with frequency\$ same (carrier near3 recovery)) and start\$ near6 frequency\$	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 16:07	
BRS	26	(((lock\$3 with frequency\$ same (carrier near3 recovery)) and start\$ near6 frequency\$) and @pd<"20020419"	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 16:10	S50
BRS	0	(((lock\$3 with frequency\$ same (carrier near3 recovery)) and start\$ near6 frequency\$) and @pd<"20020419") and hdtv	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 16:09	S51
BRS	18	(((lock\$3 with frequency\$ same (carrier near3 recovery)) and start\$ near6 frequency\$) and @pd<"20020419") and (hz or kHz)	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 16:10	S52
BRS	16	(mueller near3 muller) and gardner	US-PGPUB; USPAT; EPO; DERWENT	7/19/03 16:45	S53
BRS	1	6266380.pn. and offset\$1	US-PGPUB; USPAT; EPO; DERWENT	8/15/06 17:42	S60
BRS	0	6266380.pn. and offset\$1 same lock\$5	US-PGPUB; USPAT; EPO; DERWENT	8/15/06 17:42	S61
BRS	29	hdtv same vsb same one near2 dimensional near6 constellation\$1	US-PGPUB; USPAT; EPO; DERWENT	8/15/06 17:35	S57
BRS	1	6266380.pn. and timing	US-PGPUB; USPAT; EPO; DERWENT	8/15/06 17:42	S59
BRS	0	S54 and hdtv	US-PGPUB; USPAT; EPO; DERWENT	8/15/06 17:21	S55
BRS	2	6175600.pn.	US-PGPUB; USPAT; EPO; DERWENT	8/15/06 17:28	S56
BRS	17	S57 and (pll or (phase adj lock\$4 adj loop\$4))	US-PGPUB; USPAT; EPO; DERWENT	8/15/06 17:41	S58
BRS	2	6072842.pn.	US-PGPUB; USPAT; EPO; DERWENT	8/15/06 17:21	S54